

OPERATOR'S MANUAL

McCORMICK
INTERNATIONAL
276
TRACTOR
SERIES



INTERNATIONAL
HARVESTER

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AUTOCR

INT. HARVESTER CO.

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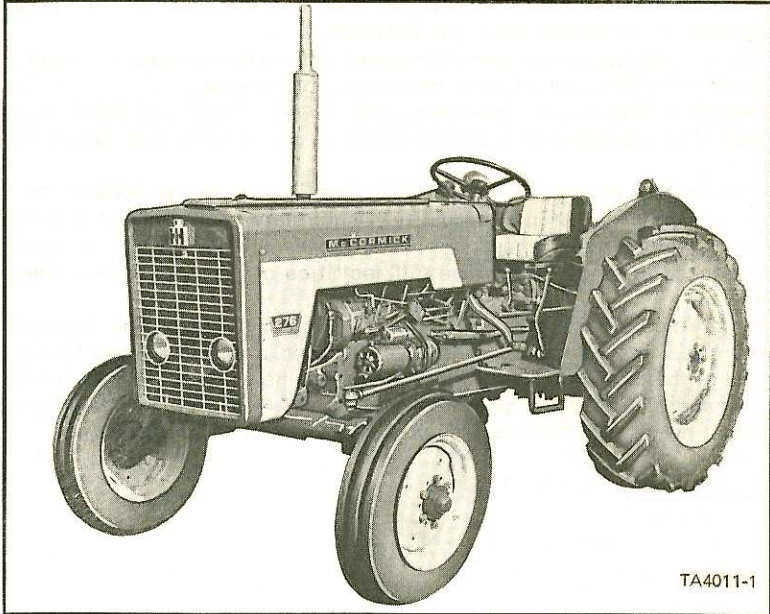
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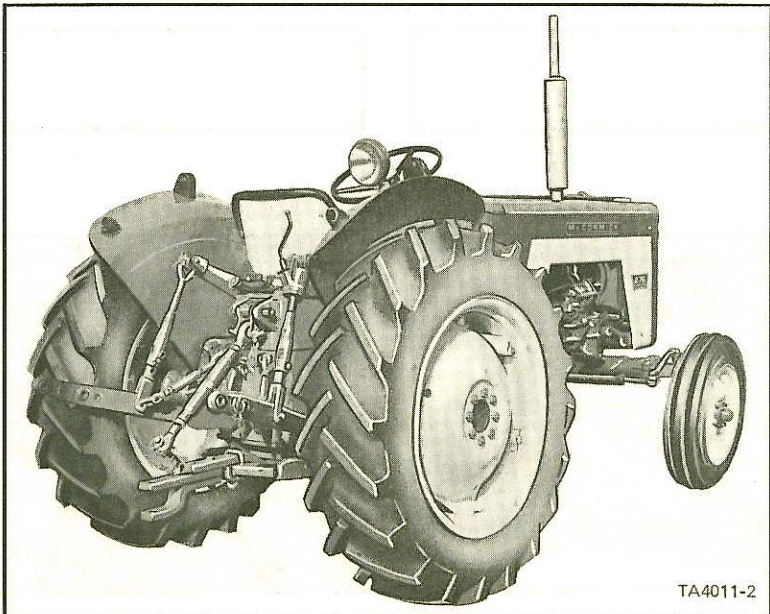
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DESCRIPTION

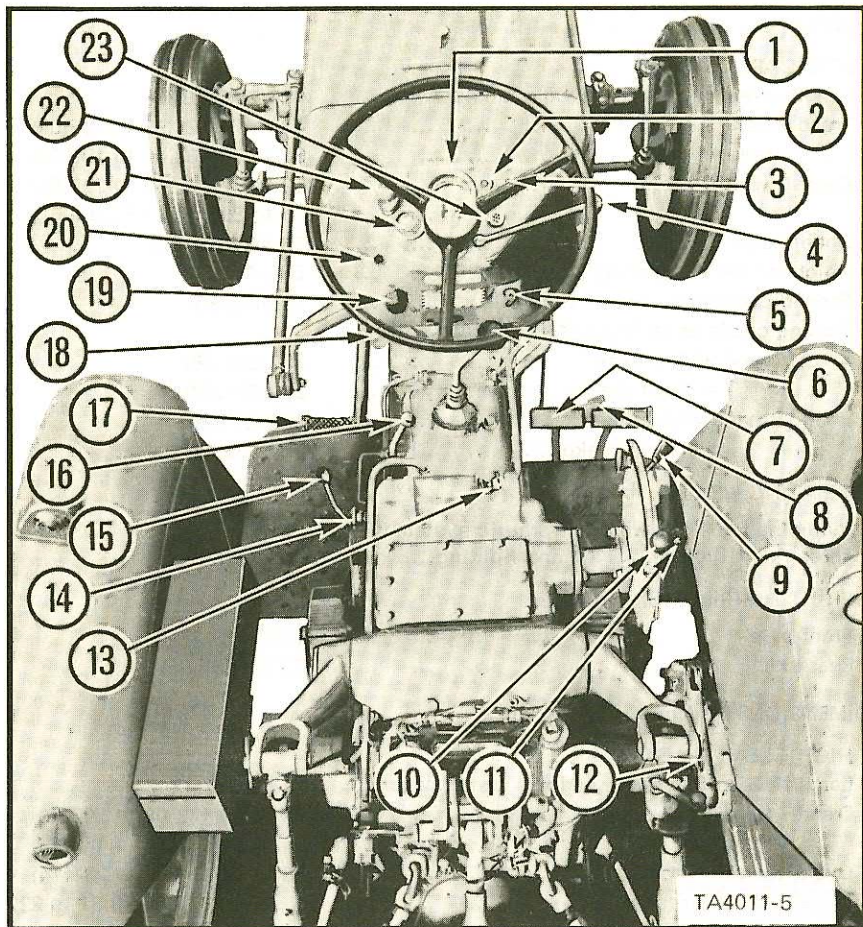


Illust.1 Front Left Hand View of the 276 Tractor



Illust.2 Rear Right Hand View of the 276 Tractor

INSTRUMENTS AND CONTROLS



- | | |
|--------------------------------------|-------------------------------|
| 1. Tractormeter | 12. Brake pedal locking lever |
| 2. Engine oil pressure warning light | 13. Isolating valve. |
| 3. Generator warning light | 14. Response control |
| 4. Governor control | 15. P.T.O. lever |
| 5. Keyswitch | 16. High-low lever |
| 6. Gear lever | 17. Engine clutch pedal |
| 7. Brake pedals | 18. Engine stop control |
| 8. Brake pedal latch | 19. Light switch |
| 9. Draft control lever | 20. Horn button |
| 10. Position control lever | 21. Engine heat indicator |
| 11. Differential locking lever | 22. Panel light |
| | 23. Glowplug indicator |

Illust. 5 Instruments and Controls (Diesel)

Service Manual



McCORMICK

INTERNATIONAL

276

TRACTOR

INTERNATIONAL HARVESTER COMPANY OF GREAT BRITAIN LIMITED

259 CITY ROAD, LONDON, E.C.1

SM-32

SERVICE MANUAL

INTERNATIONAL

276

TRACTOR

The black tabs shown on the right hand side of this page line up with the corresponding tabs on the title pages of the respective groups.

NOTE

Refer to the SUPPLEMENT AND CHANGE INDEX

for the latest instructions, before carrying out work on this machine.

INTERNATIONAL HARVESTER COMPANY
OF GREAT BRITAIN LIMITED
259 CITY ROAD, LONDON, E.C.1

GROUP INDEX

GENERAL

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COOLING SYSTEM

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BRAKES

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FRONT AXLE AND STEERING

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POWER TAKE-OFFS AND BELT PULLEYS

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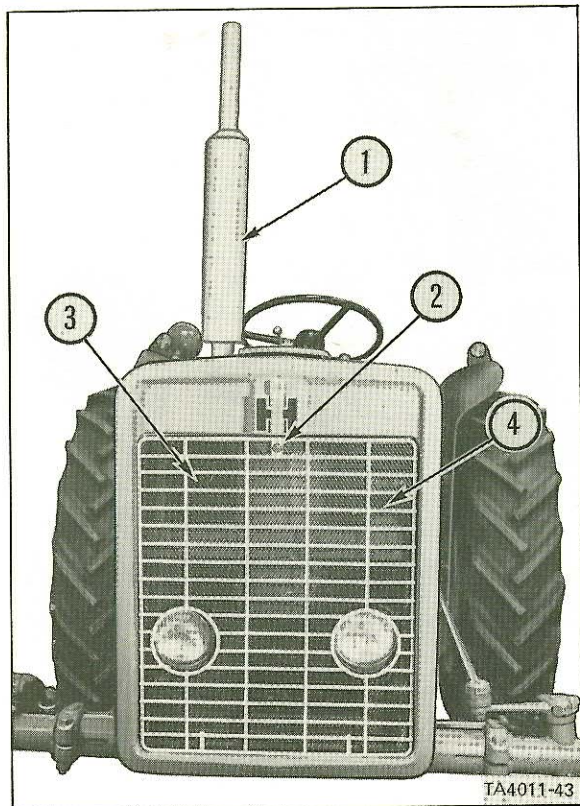


Fig. 1

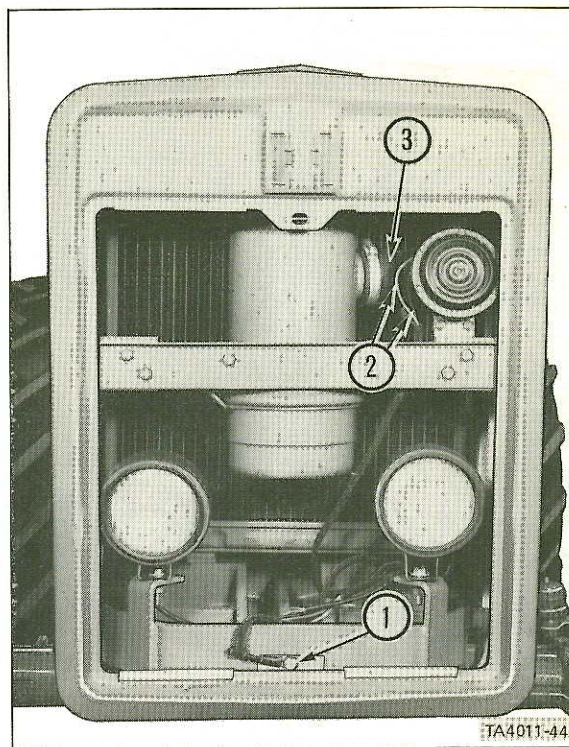


Fig. 2

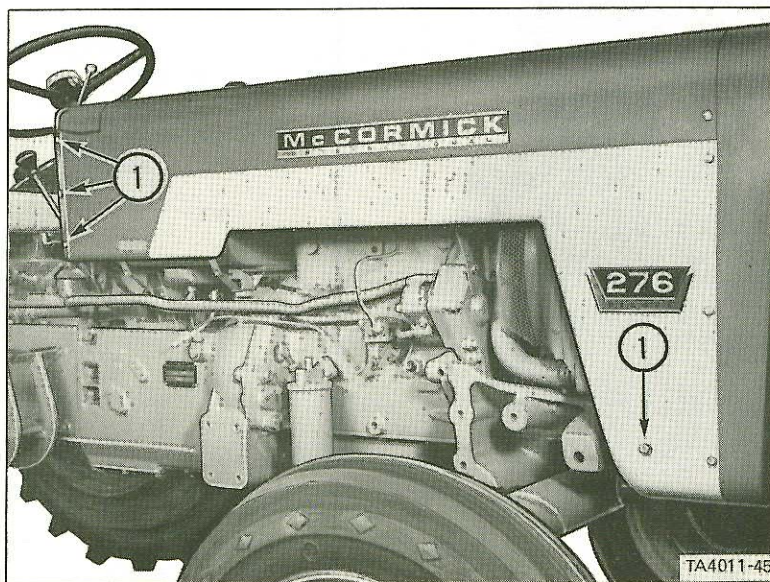


Fig. 3

1. DESCRIPTION

The fuel system may be divided into two sections. On the diesel tractor it consists of :-

- (a) The fuel tank, water trap and associated pipes.
- (b) The lift pump, filters, injection pump, injectors and associated pipes.

On the petrol tractor it consists of :-

- (a) The fuel tank and associated pipes.
- (b) The lift pump, carburettor and associated pipes.

NOTE: When any part of the fuel system is disconnected, seal off all openings immediately to prevent the entry of dirt into the system. It will be necessary to vent the diesel system as detailed in the Operator's Manual after reconnecting.

2. FUEL TANK

2a. REMOVAL

- (a) Remove the hoodsheet as detailed in GROUP 2.
- (b) Remove the battery and battery carrier as detailed in GROUP 4.
- (c) Close the fuel shut-off tap (1-1), remove the fuel feed pipe (2-1) then drain the fuel tank. On diesel tractors also disconnect the fuel spill pipe (3-1) from the tank.
- (d) Remove the nut and bolt (1-2), washer and lockwasher from the R.H. rear support spring (2-2) and the bolt (3-2) and washer from the R.H. front support spring (4-2).
- (e) Remove the hold down straps (5-2) then lift the fuel tank clear of the locating pegs (6-2) on the fuel tank supports.

2b. DISMANTLING

- (a) Remove the beading (1-3) then unscrew the shut-off tap (2-3). On diesel tractors also unscrew the water drain tap (3-3).

2c. INSPECTION & REPAIR

Weld repairs to the fuel tank must be carried out by a specialist company.

2d. ASSEMBLY

Reverse the dismantling procedure.

2e. INSTALLATION

Reverse the removal procedure.

3. LIFT PUMP

3a. REMOVAL

- (a) Close the fuel shut-off tap.
- (b) Disconnect the feed pipe (1-4) and the delivery pipe (2-4) at the lift pump.
- (c) Remove the bolts (3-4) then remove the lift pump and gasket.

3b. INSTALLATION

Reverse the removal procedure.

4. FUEL FILTER ASSEMBLY

4a. REMOVAL

- (a) Remove the hoodsheet as detailed in GROUP 2.
- (b) Disconnect the spill pipe (1-5), feed pipe (2-5), delivery pipe (3-5) and excess fuel return pipe (4-5) at the filter.
- (c) Remove the bolts (5-5) and lockwashers then remove the filter assembly.

4b. INSTALLATION

Reverse the removal procedure.

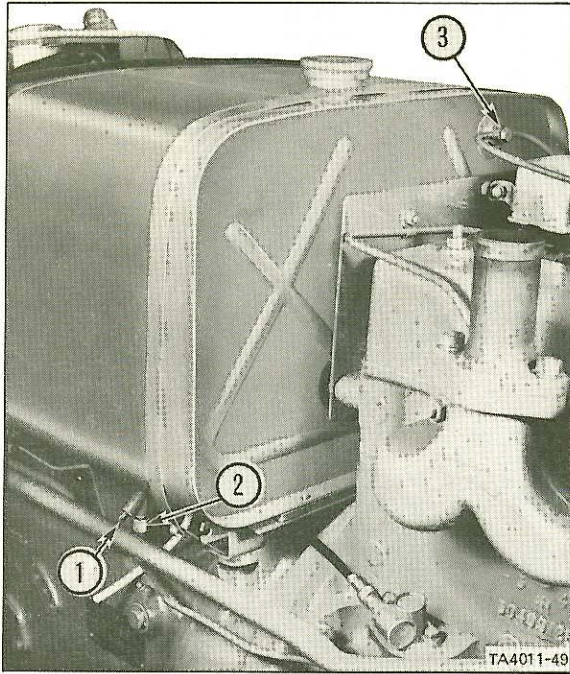


Fig. 1

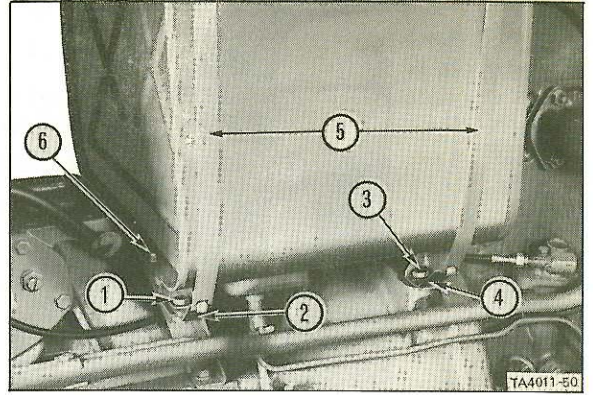


Fig. 2

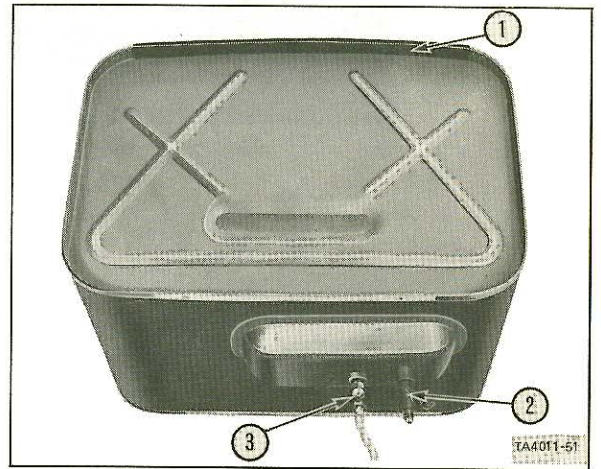


Fig. 3

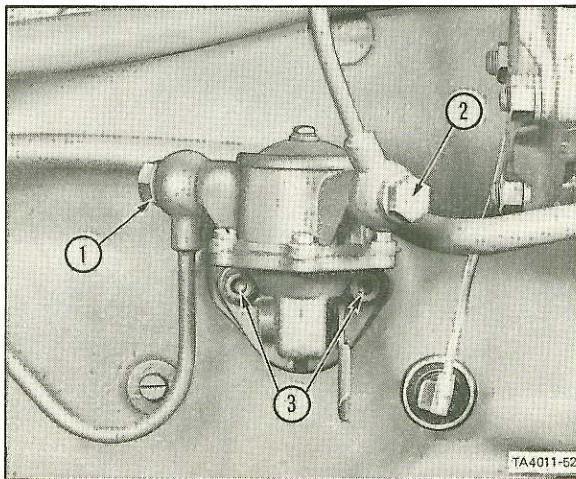


Fig. 4

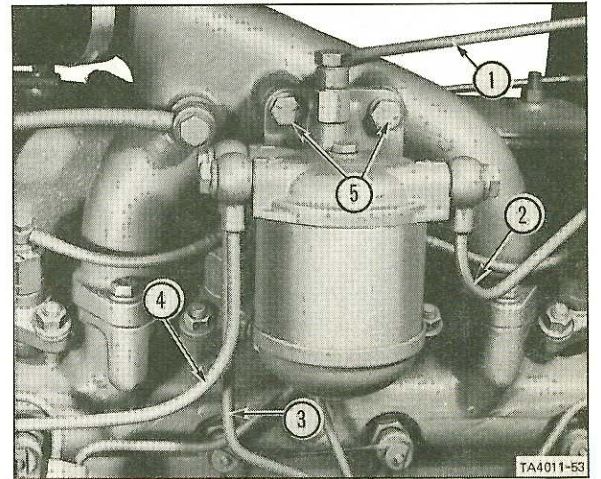


Fig. 5